



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/383,579A
Source: /600 KUSH
Date Processed by STIC: 7/23/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

S. Baum



1600

RAW SEQUENCE LISTING

DATE: 07/23/2002

PATENT APPLICATION: US/09/383,579A

TIME: 16:02:43

Input Set : A:\2531-1-001.ST25.txt

Output Set: N:\CRF3\07232002\I383579A.raw

Does Not Comply
Corrected Diskette Needed

p.3

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3 <110> APPLICANT: Burrell, Michael M.
4      Cambridge, Amanda P.
5      Maunders, Martin J.
6      McQueen-Mason, Simon
8 <120> TITLE OF INVENTION: Modification of Plant Fibres
10 <130> FILE REFERENCE: 2531-1-001
12 <140> CURRENT APPLICATION NUMBER: 09/383,579A
13 <141> CURRENT FILING DATE: 1999-08-25
15 <150> PRIOR APPLICATION NUMBER: UK 9818808.9
16 <151> PRIOR FILING DATE: 1998-08-29
18 <160> NUMBER OF SEQ ID NOS: 8
20 <170> SOFTWARE: PatentIn version 3.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 488
24 <212> TYPE: DNA
25 <213> ORGANISM: eucalyptus grandis
27 <400> SEQUENCE: 1
28 atggggggggg cttgtgggta tggcaacctg tacagccaag gctatggcac caaactgca      60
30 gctttgagca ctgccctgtt caacaatggc ctgagctgcg gggcatgtta cgagatgcgg      120
32 tgcaacgacg accccaggtg gtgcctcccg gggaccatca tggtcacggc aaccaacttt      180
34 tgccctccca acttggccct ctccaacgac aattgcggct ggtgcaacct ccctctccag      240
36 cacttcgata tggccgagcc tgctttcttg cagattgccc agtacaaagc tgggattgtc      300
38 caggtttcct tcagaagggt tccgtgtgtg aagaaaggag gggtaagggt caccatcaat      360
40 gggcactcct acttcaactt ggtgctgatc accaacgttg gaggtgctgg tgatgtccat      420
42 tccgtttcca tcaagggtc gaggactggt tggcaagcca tgtcaaggaa ctggggcaaa      480
44 aactggca
47 <210> SEQ ID NO: 2
48 <211> LENGTH: 475
49 <212> TYPE: DNA
50 <213> ORGANISM: eucalyptus grandis
52 <400> SEQUENCE: 2
53 atggggggggg catgcgggta tggcaacctg tacagccaag gctatggcac caaactgca      60
55 gctttgagca ctgccctgtt caacaatggc ctgagctgcg gggcatgtta cgagatgcgg      120
57 tgcaacgacg accccaggtg gtgcctcccg gggaccatca tggtcacggc aaccaacttt      180
59 tgccctccca acttggccct ctccaacgac aatggcggct ggtgcaacct ccctctccag      240
61 cacttcgata tggccgagcc tgctttcttg cagattgccc agtacaaagc tgggattgtc      300
63 ccggtttcct tcagaagggt tccgtgtgtg aagaaaggag gggtaagggt caccatcaat      360
65 gggcactcct acttcagctg tgggtgctgat caccaacgtg ggaggtgctg gtgatgtcca      420
67 ttccgtttcc atcaagagct cgaggactgg ttggcaagcc atgtcaagga attga      475
70 <210> SEQ ID NO: 3
71 <211> LENGTH: 494
72 <212> TYPE: DNA
73 <213> ORGANISM: eucalyptus grandis

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RAW SEQUENCE LISTING

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Input Set : A:\2531-1-001.ST25.txt

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75 <400> SEQUENCE: 3

76 atgggggggg	catgtggtta	cggggacctt	cacagggcca	cctatggcaa	gtacagtgcc	60
78 ggcttgagct	cgatgctgtt	caacagaggg	agtaacctgcg	gggcttgctt	cgagctccgg	120
80 tgcgtcgacc	acattttgtg	gtgcctccct	ggtagcccg	cggtgatcct	caccgccacc	180
82 gacttctgcc	ctccgaacta	cgggctcgcg	gcagattacg	gcgggtggtg	caacttcccg	240
84 caggagcact	tcgagatgtc	ggaggcggcc	ttcgccgaga	ttgcggtgcg	aagggctgat	300
86 gtggtgccta	tccagtacag	gagggtgaa	tgtctgagaa	gcggtggtct	gagattcaca	360
88 ttgagcggaa	actctcactt	ctttcaggtc	ttggtgacga	atgtaggcct	agatggggag	420
90 gtgattgcca	tgaatatgaa	gggatcgaaa	acagggtgga	taccgatggc	aagaaactgg	480
92 ggcaaaaact	ggca					494

95 <210> SEQ ID NO: 4

96 <211> LENGTH: 437

97 <212> TYPE: DNA

98 <213> ORGANISM: eucalyptus grandis

100 <400> SEQUENCE: 4

101 atgggttgcc	accgggtcct	tgatcctttg	atggccacgg	agtgcacatc	ccctgctccg	60
103 ccgacattgg	ttatgagcac	gaggttgaaa	taagaatggc	cgttgacggg	gaaccggatc	120
105 cctccgcttc	tcctgcacct	cactcttcgg	taggccaccg	ggacgatccc	ggccctgtac	180
107 tgcgcaatgt	gctggaagac	cggtcgggag	aggctgaaat	ggagttgagg	agggctgcac	240
109 caccctcctg	gagggcagaa	gttggtcgcc	gtgaccacaa	tggcgcccg	gaggcaccac	300
111 tgcgggtcgt	tcacgcaccg	gagctcaaag	cacgcgccgc	agctcagccc	attgttgaa	360
113 aatgcagtgc	tcagtgcagc	tgtgtttgtg	ccgtaccctt	ggctgtatag	attcccataa	420
115 ccacacgccc	cccccat					437

118 <210> SEQ ID NO: 5

119 <211> LENGTH: 437

120 <212> TYPE: DNA

121 <213> ORGANISM: eucalyptus grandis

123 <400> SEQUENCE: 5

124 atgggttgcc	accgggtcct	tgatcctttg	atggccacgg	agtgcacatc	ccctgctccg	60
126 ccgacattgg	ttatgagcac	gaggttgaaa	taagaatggc	cgttgacggg	gaaccggatc	120
128 cctccgcttc	tcctgcacct	cactcttcgg	taggccacag	ggacgatccc	ggccctgtac	180
130 tgcgcaatgt	gctggaagac	aggctgggag	aggctgaaat	ggagttgagg	agggctgcac	240
132 caccctcctg	gagggcagaa	gttggtcgcc	gtgacaacaa	tggcgcccg	gaggcaccac	300
134 tgcgggtcgt	tcacgcaccg	gagctcaaag	cacgcgccgc	agctcagccc	attgttgaa	360
136 aatgcagtgc	tcagtgcagc	tgtgtttgtg	ccgtaccctt	ggctgtatag	attcccataa	420
138 ccacacgccc	cccccat					437

141 <210> SEQ ID NO: 6

142 <211> LENGTH: 448

143 <212> TYPE: DNA

144 <213> ORGANISM: eucalyptus grandis

146 <400> SEQUENCE: 6

147 ccttgacatg	gtctgccacc	ttgtccgcga	acccttcacg	gcgaccgagt	tgacgttgcc	60
149 tgcgcgcgcg	acgtttgtga	cgaggacgag	cttgaagtat	gagttgccgt	tgatggtgaa	120
151 ccggatgcct	cctctcctcc	tgacagtcac	cctcctgtac	gcaacgtgga	cgatgccggc	180
153 tcggtacttg	gcaatgtgct	ggaagacggg	ctgggagatg	tcgaagtggg	gttggggcgg	240
155 gttgacccat	ccgcgcggct	tgtttgggag	ggcgttgttt	ggcgggcaga	agtttgtggc	300
157 ggtgacgacg	atggagccgc	ccaggcacca	ctttccgtcg	ttcacgcacc	ggatctcgaa	360
159 gcacgacccc	cagctcagcc	cgttttttaa	cagcgccgtg	ctcagcgccg	ccgtgttcgt	420
161 accgtagccc	tggctgtaca	ggttgccg				448

RAW SEQUENCE LISTING

DATE: 07/23/2002

PATENT APPLICATION: US/09/383,579A

TIME: 16:02:43

Input Set : A:\2531-1-001.ST25.txt

Output Set: N:\CRF3\07232002\I383579A.raw

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164 <210> SEQ ID NO: 7
165 <211> LENGTH: 19
166 <212> TYPE: DNA
167 <213> ORGANISM: eucalyptus grandis
169 <220> FEATURE:
170 <221> NAME/KEY: misc_feature
171 <222> LOCATION: (4)..(4)
172 <223> OTHER INFORMATION: g represents inosine
175 <220> FEATURE:
176 <221> NAME/KEY: misc_feature
177 <222> LOCATION: (7)..(7)
178 <223> OTHER INFORMATION: g represents inosine
181 <220> FEATURE:
182 <221> NAME/KEY: misc_feature
183 <222> LOCATION: (8)..(8)
184 <223> OTHER INFORMATION: g represents inosine
187 <220> FEATURE:
188 <221> NAME/KEY: misc_feature
189 <222> LOCATION: (11)..(11)
190 <223> OTHER INFORMATION: n represents a, g, t, or c
193 <220> FEATURE:
194 <221> NAME/KEY: misc_feature
195 <222> LOCATION: (17)..(17)
196 <223> OTHER INFORMATION: n represents a, g, t, or c
199 <400> SEQUENCE: 7
W--> 200 atggggggc ntgtggnta
203 <210> SEQ ID NO: 8
204 <211> LENGTH: 20
205 <212> TYPE: DNA
206 <213> ORGANISM: eucalyptus grandis
208 <220> FEATURE:
209 <221> NAME/KEY: misc_feature
210 <222> LOCATION: (12)..(12)
211 <223> OTHER INFORMATION: n = a, g, t, or c
214 <220> FEATURE:
215 <221> NAME/KEY: misc_feature
216 <222> LOCATION: (9)..(9)
217 <223> OTHER INFORMATION: y = t or c
220 <220> FEATURE:
221 <221> NAME/KEY: misc_feature
222 <222> LOCATION: (6)..(6)
223 <223> OTHER INFORMATION: r = a or g
226 <220> FEATURE:
227 <221> NAME/KEY: misc_feature
228 <222> LOCATION: (18)..(18)
229 <223> OTHER INFORMATION: r = a or g
232 <400> SEQUENCE: 8
W--> 233 tgccarttyt gnccccartt

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*"g" can only represent guanine,
nothing else. Please
use "n" to represent
inosine*

19

20

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/383,579A

DATE: 07/23/2002
TIME: 16:02:44

Input Set : A:\2531-1-001.ST25.txt
Output Set: N:\CRF3\07232002\I383579A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:7; N Pos. 11,17
Seq#:8; N Pos. 12

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/383,579A

DATE: 07/23/2002

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Input Set : A:\2531-1-001.ST25.txt

Output Set: N:\CRF3\07232002\I383579A.raw

L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:233 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0